

JCO6 Rec'd PCT 06 MAY 2005

PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	Not Yet Assigned 106
				Filing Date	May 6, 2005
				First Named Inventor	Naofumi YONEDA
				Art Unit	N/A 2821
				Examiner Name	Not Yet Assigned CHUC TRAN
				Attorney Docket Number	1163-0534PUS1
Sheet	1	of	1		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
TC	AA	US-2003/0137466-A1	07-24-2003	Yoneda, Naofumi et al.	

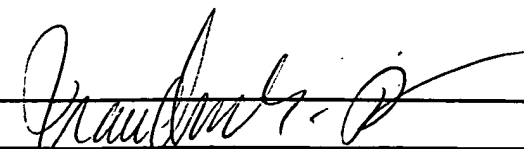
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
TC	BA	JP-11-17402-A	01-22-1999			
TC	BB	JP-2000-174516-A	06-23-2000			
TC	BC	JP-11-330801-A	11-30-1999			
TC	BD	WO-02/071539-A1	09-12-2002			
TC	BE	WO-02/071540-A1	09-12-2002			
TC	BF	JP-2003-283202-A	10-03-2003			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
TC	CA	Takashi Kitsuregawa, Artech House, 1990, pp. 232-235	
TC	CB	Anthony Monk et al., 21st, International Communications Satellite Systems Conference and Exhibit AIAA2003-2316, 2003, pp. 1-4	
TC	CC	K. Aoki et al., IEE Proc.-Microw. Antennas Propag., Vol. 146, No. 1, February 1999, pp.60-64	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	03/15/06
--------------------	---	-----------------	----------

Birch, Stewart, Kolasch & Birch, LLP

MKM/smt